



## CELLO<sup>®</sup> LSLT

Flexible, closed-cell elastomers that have been specially developed for thermal and acoustic insulation applications in rail vehicles. They are free of halogens (e.g. chlorines, bromines), heavy metals (e.g. cadmium, lead) as well as formaldehydes, and offer high thermal effectiveness.

Applications: In walls, floors and ceilings of standard and saloon carriages used on lines without tunnels, for thermal insulation of air conditioning units, air ducts and heating pipes.

TECHNICAL DATA			
FLAMMABILITY	▶ EN 45545-2 2020: R1 + R7, HL 2 fulfilled (≥ 3-32 mm)		
	$\sim 10^{-10} \text{ M} \text{ s}^{-1}  $		
TEMPERATURE RESISTANCE	-50°C to +85°C		
THERMAL CONDUCTIVITY	EN 12667: $\leq$ 0.040 W/(m·K) at 10°C		
WATER VAPOR PERMEABILITY	DIN EN 12086: > 30000 / No additional vapor barrier required		

DIMENSIONS						
PRODUCT	THICKNESS [mm]	width [mm]	ROLL LENGTH* [m]	SHEETS [mm]	WIDTH TOLERANCES FOR READY-MADE PIECES	
LSLT	3 6 10 13 19	 1000 1000 1000 1000	 18 10 8 6	1950 X 1000	up to 250 mm +/-3 mm 250 up to 1000 mm +/-5 mm 1000 up to 2000 mm -5/+10 mm	

Other thicknesses / dimensions on request. Ready-to-use parts according to your specifications or drawing.

\*Untrimmed: Effective dimensions guaranteed as ordered, may be exceeded by some layers (foam, film, non-woven etc.).

BENEFITS	► Closed-cell structure
	►Low moisture absorption
	Prevents the development of condensation
	Very flexible and easy to cut – for convenient preparation and easy installation
	Provides passive fire protection even without surface coating
	Delivery of ready-to-install parts
	Free of halogens (chlorines, bromines)
	Very low thermal conductivity
OPTIONS	ик: no self-adhesive equipment
	SK: with self-adhesive finish
ADVICE	When installed outdoors, <b>Cello® LSLT</b> must be protected against UV radiation.
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## SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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